

# PCT

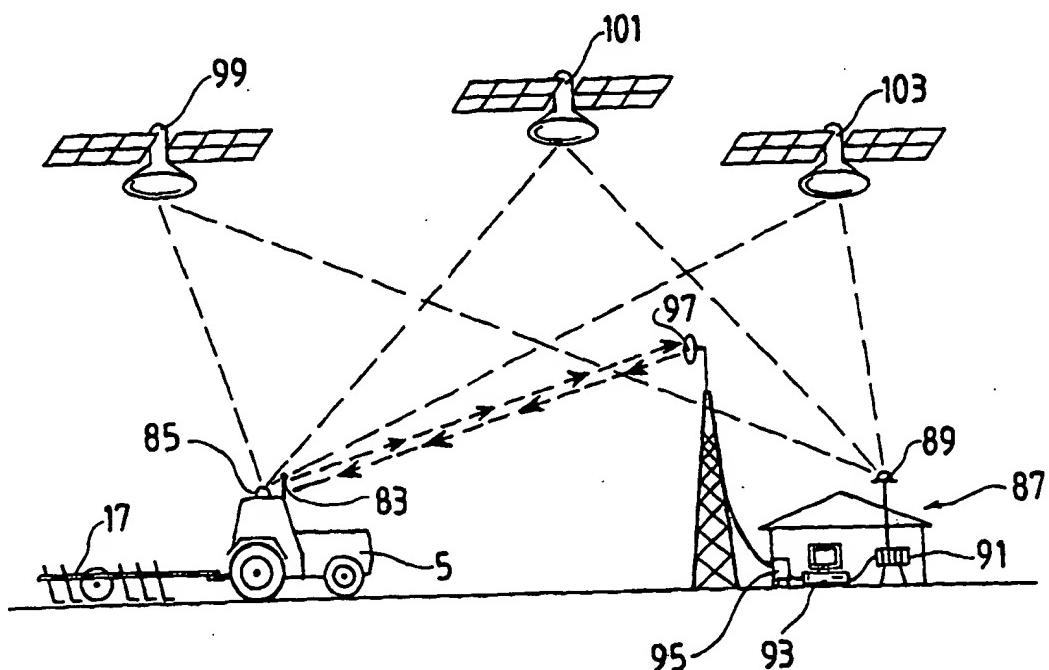
WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : <b>A01B 79/00, G01C 21/00, G06F 17/00, G05D 1/02</b>		<b>A1</b>	(11) International Publication Number: <b>WO 00/24239</b>
			(43) International Publication Date: <b>4 May 2000 (04.05.00)</b>
(21) International Application Number: <b>PCT/AU99/00930</b>		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: <b>27 October 1999 (27.10.99)</b>		Published <i>With international search report.</i>	
(30) Priority Data: <b>PP 6795 27 October 1998 (27.10.98) AU</b>			
(71) Applicant ( <i>for all designated States except US</i> ): AGSYSTEMS PTY. LTD. [AU/AU]; 101 Riverside Drive, West End, QLD 4101 (AU).			
(72) Inventor; and			
(75) Inventor/Applicant ( <i>for US only</i> ): MAILER, Robert, Lindsay [AU/AU]; 1/21 Orleigh Street, West End, QLD 4101 (AU).			
(74) Agent: PIZZEYS PATENT AND TRADE MARK ATTORNEYS; Telstra House, Level 11, 167 Eagle Street, Brisbane, QLD 4000 (AU).			

(54) Title: VEHICLE POSITIONING APPARATUS AND METHOD



### (57) Abstract

There is disclosed a guidance assisting apparatus for aiding in the guidance of an agricultural vehicle (5) over arable land. The apparatus makes use of a GPS positional receiver (81) in order to determine if the vehicle (5) is overlapping previous passes of a paddock thereby reducing the likelihood of strips of land being double processed or left unprocessed. Guidance may be provided by a visual display